

10 Feb

CENTRAL INTELLIGENCE AGENCY
CODEWORD ROUTING SHEET

TO		INITIALS	DATE
1	Chief, D/S	WBM	9 Feb 60
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3	Acting AD		
4	ST/P/C - for AD's file		
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FROM		INITIALS	DATE
1	Chief, S/TR	SEB	9 Feb 60
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REMARKS:

Dr. Guthe asked me to rewrite the final paragraph of the previous memo drafted on this subject to present more detail on the differences in the DPD-DD/P and ORR airlift estimates. PAB

APPENDED DOCUMENT CONTAINS CODEWORD MATERIAL

Appended document contains classified information within the meaning of Section 798, Title 18, United States Code.

TOP SECRET DAUNT

SC# 01211/60

10 FEB 1960

MEMORANDUM FOR: Deputy Director/Plans

ATTENTION: Chief, F3

SUBJECT: Supply of Chinese Communist Troops in Tibet by
Airlift

REFERENCE: Our Paper on Impact of the Tibetan Campaign on the
Economy of Communist China, 1 February 1960

1. This memorandum is with further reference to the section on
Supply of Troops in Tibet by Airlift contained in the reference paper.

2. Our estimate of the capability of an airlift contained in the
reference paper was not intended to be definitive, but was calculated
chiefly for the purpose of obtaining some indication of the magnitude
of the aviation fuel requirement for the Tibetan Campaign under the
stated assumptions. We have reexamined our information bearing on this
subject since submitting the paper, however, and have produced what we
believe to be a more reliable estimate.

3. On the assumption that all transport type aircraft assigned to
the Chinese Communist Air Force, except the 100 Li-2's, are used in an
airlift to Tibet, and that each aircraft operates 10 trips each month,
the daily airlift capability would be 200 short tons instead of the 800
short tons contained in the reference paper. Since there appears to be
considerable doubt that the Li-2's could be utilized in such an opera-
tion, except as a measure of desperation, we have eliminated them com-
pletely in our revised calculation. However, more precise data have
required that we revise downward the payload of the C-46's and increase
slightly the payload of the Li-14's. Further refinement of the airlift
analysis, by the elimination of the Li-2's, means, however, that the
aviation fuel requirement would be reduced by more than one-third. Thus
we believe that the refinement further substantiates our original esti-
mate that the operation of an airlift would have impact of only modest
proportions on the economy.

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4. Incidentally, our revised estimate does not agree with the daily airlift capability of 135 tons which was supplied to you by the Acting Chief, DFB-DR/P, and which a member of your staff permitted us to review. The numbers and types of aircraft estimated to be available are the same in both estimates except that we would now exclude the IL-2's. There are basic differences, however, in estimates of the net payload capacity and of the weight of the fuel required for the various types of aircraft as they relate to the total lift capacities of the aircraft and to the flight distances necessary for an airlift of the type assumed in the reference paper. For example, the DFB estimate that the C-46 type aircraft has a net payload of 6,800 pounds and a fuel requirement of 5,400 pounds. Our estimate provides a net payload of 11,000 pounds with a fuel requirement of 7,000 pounds for the same type aircraft. For the IL-14 aircraft, the DFB estimates a net payload of 1,135 pounds and a fuel requirement of 3,085 pounds, but our estimate provides a net payload of 4,600 pounds and a fuel requirement of 3,700 pounds. These differences in estimates of performance and requirements lead to the rather substantial differences in conclusions with respect to the magnitude of the tonnage of supplies that can be moved by an airlift.

5. We would be pleased to meet with the working level of DFB and seek to come to a common understanding of the capabilities and requirements of the various types of aircraft that may be involved in this problem, and thus provide the basis for an agreed estimate of an airlift capability. If you think an agreed estimate would be worth while for your purposes, please have the appropriate member of your staff contact [redacted] on extension 2745.

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[redacted]

Acting Assistant Director
Research and Reports

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OAD/S/TR: [redacted] ldr/2745 (9 Feb 60)

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